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## 1.0. Definitions

Terms used throughout the General Permit are defined in this section. Unless otherwise indicated, other words and phrases used in this General Permit shall have the meaning ascribed to them in 45CSR2, 45CSR4, 45CSR6, 45CSR10, 45CSR13, and 45CSR22; W.Va. Code §§22-5-1 et seq., as amended.

### AFFECTED FACILITY

means, for purposes of this General Permit, any emergency generator installed for the purpose of supplying power to allow key systems to continue to operate without interruption during times of utility power outages.

### AIR POLLUTANT

means any solid, liquid or gas which if discharged into the air, may result in statutory air pollution.

### AIR POLLUTION OR STATUTORY AIR POLLUTION

means and is limited to the discharge into the air by an act of man substances (liquid, solid, gaseous, organic or inorganic) in a locality, manner and amount as to be injurious to human health or welfare, animal or plant life or property, or which would interfere with the enjoyment of life or property.

### AIR POLLUTION CONTROL DEVICE or APCD

means any equipment, auxiliary air pollution control device, system or element of design which controls or reduces the emission of substances from an emissions unit or stationary source:

### AUTHORIZED REPRESENTATIVE

means a person certified by a Responsible Official who shall represent and have the authority to legally bind the business. An Authorized Representative may be certified through a certification statement submitted with the General Permit Registration Application. Such certification is subject to approval by the Director.

### AUXILIARY AIR POLLUTION CONTROL DEVICE

means any device or element of design that senses temperature, oxygen content, engine RPM, pressure drop or any other parameter for the purpose of activating, controlling, modulating, delaying or deactivating the operation of any part of air pollution control device.

### CABINET SECRETARY

means the Cabinet Secretary of the West Virginia Department of Environmental Protection.

### C.F.R.

means the United States Code of Federal Regulations.

### CONSTRUCTION

means any physical change or change in the method of operation (including fabrication, erection, installation, demolition or modification of an emissions unit or affected facility) which would result in an increase in the potential to emit or an increase in actual emissions of any regulated air pollutant.

### CSR

means the West Virginia Code of State Rules.

### DAQ

means the Division of Air Quality of the WV Department of Environmental Protection.

**DEP**

means the Department of Environmental Protection of the West Virginia Bureau of the Environment.

**DIRECTOR OF AIR QUALITY OR DIRECTOR**

means the Director of the Division of Air Quality or a designated representative appointed by the Cabinet Secretary of the Department of Environmental Protection pursuant to the provisions of W.Va. Code §§22-1-1 et seq.

**EMERGENCY GENERATOR**

means those generators that allow key systems to continue to operate without interruption during times of utility power outages.

**EMISSION**

means the release, escape or discharge of air pollutants into the air.

**EMISSION INVENTORY**

means an annual submittal, due on or before July 1 of each calendar year for the previous calendar year, containing the speciated pollutants and the corresponding emission poundage or tonnage for each (W.Va. Code §22-5-4(a)(14)).

**EMISSIONS UNIT**

means any affected facility, part or activity of a stationary source which emits or has the potential to emit any regulated pollutant.

**EPA OR USEPA**

means the United States Environmental Protection Agency.

**FUEL**

means any gaseous, liquid or solid substance or any combination thereof burned in fuel burning equipment.

**FUGITIVE EMISSIONS**

means those emissions which could not reasonably pass through a stack, chimney, vent or other functionally equivalent opening.

**LEAN-BURN ENGINE**

means any two or four-stroke spark-ignited internal combustion engine which is not a rich-burn engine.

**LOAD**

means the ratio of the operating brake horsepower to the rated brake horsepower.

**MAINTENANCE OPERATION**

means any adjustment, repair, removal, disassembly, cleaning or replacement of components or systems of emission units or air pollution control devices required to be performed on a periodic basis to prevent part failure or malfunction, or those actions anticipated as necessary to correct an overt indication of malfunction or failure for which maintenance is not appropriate.

**MAJOR STATIONARY SOURCE OR MAJOR SOURCE**

means, for purposes of this General Permit, any stationary source which emits or has the potential to emit two hundred fifty (250) tons per year or more of any regulated air pollutant as defined in

45CSR14 or directly emits or has the potential to emit one hundred (100) tons per year or more of any air pollutant as defined in 45CSR30.

**MODIFICATION**

means, for purposes of this General Permit, any proposed physical change or change in the method of operation of an affected facility that would require an individual permit pursuant to 45CSR13. Any person operating an existing affected facility who desires to modify and/or increase throughput may complete a General Permit Registration Application and if eligible, receive General Permit registration in lieu of individual permit coverage pursuant to 45CSR13.

**OPACITY**

means the degree to which particulate emissions reduce the transmission of light and obscure the view of an object in the background.

**OPERATING BRAKE HORSEPOWER**

means the maximum operating brake horsepower as determined by the maximum load powered by an engine.

**PARTICULATE MATTER OR PM**

means any material except uncombined water that exists in a finely divided form as a liquid or solid.

**PARTICULATE MATTER CAPTURE SYSTEM**

means any equipment or method used to confine, collect, and transport particulate matter from elevators, screens, mixers, weighing equipment, bins and other plant components to air pollution control equipment. Particulate matter capture systems shall include, but not be limited to, hoods, bins, ductwork, enclosures and fans.

**PM<sub>10</sub>**

means any particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers.

**PERSON**

means any and all persons, natural or artificial, including the State of West Virginia or any other state, the United States of America, any municipal, statutory, public or private corporation organized or existing under the laws of this or any other state or country and any firm, partnership or association of whatever nature.

**POTENTIAL TO EMIT**

means the maximum capacity of an affected facility to emit any pollutant under its existing or proposed physical and operational design.

**RATED BRAKE HORSEPOWER**

means the maximum brake horsepower (bhp) rating at maximum revolutions per minute (rpm) specified for proper engine operation by the manufacturer.

**REGISTRANT**

means a person who has submitted a General Permit Registration Application and has been granted General Permit registration by the Director.

**REGISTRATION**

means the process where the owner or operator of an eligible affected facility submits a complete General Permit Registration Application and is granted General Permit registration.

**REGISTRATION MODIFICATION**

means the General Permit provision for any proposed physical change or change in the method of operation of a registered affected facility.

**RELOCATION**

means the physical movement of a source outside its existing plant boundaries.

**REPLACEMENT**

means the removal of an existing engine and subsequent installation of a different engine in its place.

**REPLACEMENT IN KIND**

means the removal of an existing engine and subsequent installation of an identical engine with the same model number, horsepower, torque and emissions specifications of the engine being replaced. Replacement in kind also refers to removal and subsequent installation of air pollution control devices or an auxiliary air pollution control device with the same specification equipment.

**RESPONSIBLE OFFICIAL**

means a person who shall represent the business and is a President, Vice President, Secretary, Treasurer, General Partner, General Manager, a member of a Board of Directors or Owner, depending on business structure. Any submitted Registration Application, report, Emission Inventory, Certified Emission Statement, compliance certification record or Certification of Data Accuracy shall be signed by a Responsible Official or an Authorized Representative. A Responsible Official or an Authorized Representative shall have the authority to legally bind the business. An Authorized Representative may be certified by a Responsible Official through a certification statement submitted with the General Permit Registration Application. Such certification is subject to approval by the Director.

**RICH-BURN ENGINE**

means any four-stroke, naturally aspirated, spark-igniting internal combustion engine or any spark-ignited internal combustion engine that is operated with an exhaust stream oxygen concentration of less than one (1) percent by volume. For engines using catalytic reduction devices, the exhaust gas oxygen concentration shall be determined from the uncontrolled exhaust stream before the catalytic element.

**SMOKE**

means any small gas borne and airborne particles arising from a process of combustion in sufficient numbers to be visible.

**SOURCE OR STATIONARY SOURCE**

means, for purposes of this General Permit, any building, structure, affected facility, installation or emission unit or combination thereof which emits or may emit any regulated air pollutant.

**STACK**

means, but shall not be limited to, any duct, control equipment exhaust or similar apparatus which vents gases containing any regulated pollutant into the open air.

**STANDARD CONDITIONS**

means, for purposes of this General Permit, a temperature of 68 degrees F (20 degrees C) and a pressure of 29.92 inches of mercury (760 mm of Hg).

## **2.0. Class II General Permit Registration Application Requirements**

The Registration Application requires the following information. Failure to submit this information may result in the Registration Application being deemed incomplete.

### **Section I. General Information**

Complete Section 1 of the Application for General Permit Registration. Use the following guidelines to ensure a complete application:

1. Name of Applicant as registered with the WV Secretary of State's Office
2. Federal Employer ID Number (FEIN)
3. Applicant's Mailing Address
4. If applicant is a subsidiary company please provide the name of the parent company
5. Provide as Attachment A a copy of the current WV Business Registration

### **Section II. Facility Information**

Complete Section 2 of the Application for General Permit Registration. Use the following guidelines to ensure a complete application:

7. Type of Plant or Facility (Emergency Generator)
8. Standard Industrial Classification (SIC) Code for the Affected facility
9. Division of Air Quality Facility ID Number (for existing affected facilities). ID# \_\_\_\_ - \_\_\_\_
10. List all current DAQ permit numbers associated with this affected facility, include any Rule 13 and Title V permits.

### **Operating Site Information**

Complete Section 3 of the Application for General Permit Registration. Use the following guidelines to ensure a complete application:

11. Name of Primary Operating Site
12. Operating Site's Mailing Address
13. Does the Applicant own, lease, have an option to buy, or otherwise have control of the proposed site?  
Yes – Please Explain. No – You are not eligible for a permit for this source.
14. Directions to Operating Site
15. Nearest City or Town
16. County
17. UTM Northing (km)
18. UTM Easting (km)
19. UTM Zone

The Universal Transverse Mercator (UTM) coordinate system is a grid-based method of specifying locations on the surface of the Earth. It is used to identify locations on the earth, but differs from the traditional method of latitude and longitude in several respects. The UTM system is not a single map projection. The system instead employs a series of sixty zones, each of which is based on a specifically defined secant Transverse Mercator projection. However, if you know your latitude and longitude our website offers the capability of converting these to UTM coordinates.

20. Anticipated installation or change date
21. Anticipated startup date
22. Operating Schedule including hours of operation per day, days of operation per week, and weeks of operation per year.

### **Section III. Attachments and Supporting Documents**

#### **Attachment A - Current Business Certificate**

If the registrant is a resident of the State of West Virginia the registrant should provide a copy of the registrant's current Business Registration Certificate issued to them from the West Virginia State Tax Department. If the registrant is not a resident of the State of West Virginia, the registrant should provide a copy of the Certificate of Authority/Authority of LLC/Registration.

#### **Attachment B - Process Description**

Provide a detailed written description of the operation, plant and/or affected facilities. The Process Description is used in conjunction with the Process Flow Diagram to provide the reviewing engineer a complete understanding of the activity at the operation or plant. Describe in detail and order the complete process.

Use the following guidelines to ensure a complete Process Description:

1. The Process Flow Diagram should be prepared first and used as a guide when preparing the Process Description. The written description shall follow the logical order of the Process Flow Diagram.
2. All sources, affected facilities, and air pollution control devices must be included in the Process Description.
3. When modifications are proposed, describe the modifications and the effect the changes will have on affected facilities, equipment or operation.
4. Proper Source Identification Numbers are used consistently in the Process Description.
5. Additional information that may facilitate the reviewer's understanding of the Process Flow Diagram and/or Process Description is included.

#### **Attachment C – Description of Fugitive Emissions**

This information is not required for General Permit G60-C. However, the Director may require a detailed written description of fugitive emissions associated with the process if there is reason to believe the affected facility is close to major source thresholds.

#### **Attachment D – Process Flow Diagram**

Provide a diagram or schematic that supplements the Process Description of the operation or plant. The Process Flow Diagram shall show all sources, components or facets of the operation or plant in an understandable line sequence of operation. Appropriate sizing and specifications of equipment should also be shown on the Process Flow Diagram. For a proposed modification, clearly identify the process areas, affected facilities and equipment that will be modified or added, and specify the nature and extent of the modification.

Use the following guidelines to ensure a complete Process Flow Diagram:

1. The Process Flow Diagram shall logically follow the entire process from beginning to end.
2. Identify each source, air pollution control device and transfer point with proper and consistent Source Identification Numbers, Control Device Identification Numbers and Transfer Point Identification Numbers.



3. Include material handling rates for all lines of the Process Flow Diagram. If applicable, include pre- and post-modification material handling rates and identify accordingly.
4. Transfer Point Identification Numbers, consistent with assignments in any emission calculation sheet, should be shown at each transfer point.
5. The process flow lines may appear different for clarity. For example, dot-dash-dot for raw material, and a solid line for finished product. Refuse flow may be identified by a dotted line
6. The process flow lines may be color coded. For example, new or modified equipment may be red, old or existing equipment may be blue; different stages of preparation such as raw material may be green and finished product or refuse another color.

### **Attachment E – Plot Plan**

Provide an accurately scaled and detailed Plot Plan showing the locations of all process equipment and/or affected facilities and air pollution control devices. Show all equipment, affected facilities, enclosures, buildings and plant entrances and exits from the nearest public road(s) as appropriate. Note height, width and length of proposed or existing buildings and structures.

A scale between 1"=10' and 1"=200' should be used with the determining factor being the level of detail necessary to show operation or plant areas, affected facilities, sources, transfer points, etc. An overall small scale plot plan (e.g., 1"=300') should be submitted in addition to larger scale plot plans for process or activity areas (e.g., 1"=50') if the plant is too large to allow adequate detail on a single plot plan. Process or activity areas may be grouped for the enlargements as long as sufficient detail is shown.

Use the following guidelines to ensure a complete Plot Plan:

1. Operation, plant or facility name
2. Company name
3. Company ID number
4. Plot scale, north arrow, date drawn, and submittal date.
5. Fence lines
6. Property lines
7. Base elevation
8. UTM reference coordinates from the Area Map and corresponding reference point elevation
9. Location of all sources labeled with proper and consistent Source Identification numbers

This information is required for all sources regardless of whether it is a construction, modification, or administrative update.

### **Attachment F – Area Map**

Provide a USGS 7.5 minute topographic Area Map showing the current or proposed location of the operation or plant. On this map, identify plant or operation property lines, access roads and any adjacent dwelling, business, public building, school, church, cemetery, community or institutional building or public park.

Mark and reference UTM coordinates (not latitude and longitude) and the corresponding elevation above mean sea level for the operation or plant. UTM coordinates may be acquired from the USGS 7.5" topographical map. UTM coordinates are marked as blue tick marks along the outside edges of the map. These coordinates must be provided for a point inside the plant boundary near the center of the property and be accurate to within fifty meters.

This information is required for all sources regardless of whether it is a construction, modification, or administrative update.

### **Attachment G – Affected Source Sheets (Section Applicability Form)**

The Section Applicability Form can be found on page 15. General Permit G60-C was developed to allow qualified registrants to seek registration for emergency generator(s).

General Permit G60-C allows the registrant to choose which sections of the permit that they wish to seek registration under. Therefore, please mark which sections that you are applying for registration under on the Section Applicability Form on page 15. Please keep in mind, that if this registration is approved, the issued registration will state which sections will apply to your affected facility.

Provide the appropriate Equipment Data Sheets and Affected Source Sheets (Emergency Generator Engine Data Sheet, Storage Tank Data Sheet) for which sections you are applying for registration under. Proper Source Identification Numbers must be used consistently throughout the Registration Application.

### **Attachment H - Air Pollution Control Device Data Sheet**

This information is not required for General Permit G60-C.

### **Attachment I - Emissions Calculations**

Provide detailed emission calculations which lists the plant or operation's potential to emit (PTE) for criteria and hazardous/toxic pollutants.

Use the following guidelines to ensure complete emission calculations

1. All emission sources are included in the emission calculations, as well as all methods used in the emissions calculations.
2. Proper Source Identification Numbers and Control Device Identification Numbers are used consistently in the Emission Calculations.
3. A printout of the Emission Summary Sheets is attached to the Registration Application.

### **Attachment J – Class I Legal Advertisement**

Publication of a proper Class I legal advertisement is a requirement of the application process. In the event the applicant's legal advertisement fails to follow the requirements of 45CSR 13 (45-13-8) or the requirements of Chapter 59, Article 3, of the West Virginia Code, the application will be considered incomplete.

The applicant, utilizing the format for the Class I legal advertisement appearing below, shall cause such legal advertisement to appear a minimum of one (1) day in the newspaper most commonly read in the area where the affected facility exists or will be constructed. The notice must be published no earlier than five (5) working days of receipt by this office of your application. If this happens, the applicant may be required to republish the notice. The original affidavit of publication must be received by this office no later than the last day of the public comment period.

The advertisement shall contain, at a minimum, the name of the applicant, the type and location of the source, the type and amount of air pollutants that will be discharged, the nature of the permit being sought, the proposed start-up date for the source and a contact telephone number for more information.

The location of the source should be as specific as possible starting with: 1.) the street address of the source (If no street address is available, provide location relative to the closest intersection or mile marker); 2.) the nearest street or road; 3.) the nearest town or unincorporated area, and 4.) the county.

**If the location description is not sufficiently detailed, the DAQ may require the applicant to republish the Class I legal advertisement.**

Types and amounts of pollutants discharged must include all regulated pollutants (PM, PM<sub>10</sub>, VOC, SO<sub>2</sub>, NO<sub>x</sub>, formaldehyde, benzene, toluene, ethylbenzene, xylene, and n-hexane) and their potential to emit or the permit level being sought in units of tons per year.

In the event the 30th day is a Saturday, Sunday, or legal holiday, the comment period will be extended until 5:00 p.m. on the following regularly scheduled business day.

An example Class I legal advertisement is included below:

## EXAMPLE LEGAL ADVERTISEMENT

### AIR QUALITY PERMIT NOTICE Notice of Application

Notice is given that (Applicant's Legal Name) has applied to the West Virginia Department of Environmental Protection, Division of Air Quality, for a (General Permit Registration, Class II Administrative Update,) for a (Type of Operation) located on (Street Name, Road Number, etc.), (in/near City or Town), in (County Name) County, West Virginia.

The applicant estimates the (Increased, if modification application) potential to discharge the following Regulated Air Pollutants will be: (Pollutants and associated amounts in tons per year).

Startup of operation is planned to begin on or about the (Day) day of (Month), (Year). Written comments will be received by the West Virginia Department of Environmental Protection, Division of Air Quality, 601 57<sup>th</sup> Street, SE, Charleston, WV 25304, for at least 30 calendar days from the date of publication of this notice.

Any questions regarding this permit application should be directed to the DAQ at (304) 926-0499, extension 1227, during normal business hours.

Dated this the (Day) day of (Month), (Year).

By: (Applicant's Legal Name)  
(Name of Responsible Official)  
(Title of Responsible Official)  
(Mailing Address)  
(City, State and Zip Code)

### **Attachment K - Electronic Submittal (Optional)**

Provide an Electronic Submittal Diskette(s) for all files that are available electronically. The Electronic Submittal Diskette should have the following files in their respective formats (if available):

1. Registration Application file (Microsoft Word or Word Perfect format)
2. Affected Source Sheets (Microsoft Word or Word Perfect format)
3. Process Flow Diagram file
4. Process Description file (Microsoft Word or Word Perfect format)
5. Area Map file
6. Plot Plan file
7. Emission Calculations Spreadsheet (Microsoft Excel format)
8. Air Pollution Control Device Sheet, if required (Microsoft Word or Word Perfect format)

### **Section IV. Certification of Information**

Any General Permit Registration Application shall be signed and certified by a Responsible Official or Authorized Representative as set forth in the General Permit G60-C. Such signature shall constitute an agreement that the applicant will assume responsibility for the construction, modification, relocation, administrative update and/or operation of the stationary source in accordance with the Registration Application, the requirements, provisions, standards or conditions of the General Permit, any other permit or applicable statutory or regulatory requirement (45CSR13). Certify whether or not the registrant is a Corporation, Partnership, Limited Liability Company, Association, Joint Venture, or a Sole Proprietorship.

**If the General Permit Registration Application is not signed, it will be returned to the applicant.**

### **Attachment L - General Permit Registration Application Fee**

A person submitting a Class II General Permit Registration Application to construct, modify, relocate or administratively update an emergency generator shall pay a Class II General Permit registration fee pursuant to 45CSR13. The registration fee shall be paid by a negotiable instrument (check, draft, warrant or money order) to DEP - Division of Air Quality. The fees associated with General Permit G60-C include:

- a. \$500.00 for Class II General Permit Registrations (Construction/Modification)
- b. \$300.00 for Class II administrative updates
- c. \$1000.00 for New Source Performance Standard (NSPS) fee for applicable emergency generators.

Any submitted Registration Application shall not be deemed to have been received nor administratively complete unless payment of the proper Class II General Permit registration fee(s) is (are) included (45CSR22);

Any General Permit registration fee paid hereunder is not refundable (45CSR22).

### **Attachment M - Siting Criteria Waiver**

If registrant is seeking a waiver from the siting criteria in G60-C Section 2.1, please complete the siting criteria waiver. This waiver needs to be completed by the registrant and person(s) granting the waiver, and notarized by an authorized West Virginia Notary Public. The waiver is only good for the submitted registration application. Therefore, any further modification or administrative update requiring public notice will require a new waiver.

## Siting Criteria Waiver

## Division of Air Quality 300' Waiver

I \_\_\_\_\_ hereby  
Print Name

acknowledge and agree that \_\_\_\_\_ will  
General Permit Applicant's Name

construct an emergency generator that will be located within 300' of my dwelling.

I hereby offer this waiver of siting criteria to the West Virginia Department of Environmental Protection Division of Air Quality as permission to construct, install and operate in such location.

Signed:

---

Signature      Date

---

Signature    Date

**Taken, subscribed and sworn before me this \_\_\_\_\_ day of**

\_\_\_\_\_, 20\_\_\_\_.

My commission expires: \_\_\_\_\_

SEAL \_\_\_\_\_  
Notary Public

# **G60-C REGISTRATION APPLICATION FORMS**

## General Permit G60-C Registration Section Applicability Form

General Permit G60-C was developed to allow qualified registrants to seek registration for emergency generator(s).

General Permit G60-C allows the registrant to choose which sections of the permit that they wish to seek registration under. Therefore, please mark which sections that you are applying for registration under. Please keep in mind, that if this registration is approved, the issued registration will state which sections will apply to your affected facility.

- |           |   |                          |
|-----------|---|--------------------------|
| Section 5 | Reciprocating Internal Combustion Engines (R.I.C.E.)*   | <input type="checkbox"/> |
| Section 6 | Tanks   | <input type="checkbox"/> |
| Section 7 | Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII) | <input type="checkbox"/> |
| Section 8 | Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)       | <input type="checkbox"/> |

**\* Affected facilities that are subject to Section 5 may also be subject to Sections 7 or 8. Therefore, if the applicant is seeking registration under both sections, please select both.**

## EMERGENCY GENERATOR ENGINE DATA SHEET

Source Identification Number <sup>1</sup>							
Engine Manufacturer and Model							
Manufacturer's Rated bhp/rpm							
Source Status <sup>2</sup>							
Date Installed/Modified/Removed <sup>3</sup>							
Engine Manufactured/Reconstruction Date <sup>4</sup>							
Is this a Certified Stationary Compression Ignition Engine according to 40CFR60 Subpart IIII? (Yes or No) <sup>5</sup>							
Is this a Certified Stationary Spark Ignition Engine according to 40CFR60 Subpart JJJJ? (Yes or No) <sup>6</sup>							
Engine, Fuel and Combustion Data	Engine Type <sup>7</sup>						
	APCD Type <sup>8</sup>						
	Fuel Type <sup>9</sup>						
	H <sub>2</sub> S (gr/100 scf)						
	Operating bhp/rpm						
	BSFC (Btu/bhp-hr)						
	Fuel throughput (ft <sup>3</sup> /hr)						
	Fuel throughput (MMft <sup>3</sup> /yr)						
	Operation (hrs/yr)						
Reference <sup>10</sup>	Potential Emissions <sup>11</sup>	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
	NO <sub>x</sub>						
	CO						
	VOC						
	SO <sub>2</sub>						
	PM <sub>10</sub>						
	Formaldehyde						

1. Enter the appropriate Source Identification Number for each emergency generator. Generator engines should be designated EG-1, EG-2, EG-3 etc. If more than three (3) engines exist, please use additional sheets.

2. Enter the Source Status using the following codes:

NS Construction of New Source (installation)  
MS Modification of Existing Source

ES Existing Source  
RS Removal of Source



3. Enter the date (or anticipated date) of the engine's installation (construction of source), modification or removal.
4. Enter the date that the engine was manufactured, modified or reconstructed.
5. Is the engine a certified stationary compression ignition internal combustion engine according to 40CFR60 Subpart IIII. If so, the engine and control device must be operated and maintained in accordance with the manufacturer's emission-related written instructions. You must keep records of conducted maintenance to demonstrate compliance, but no performance testing is required. If the certified engine is not operated and maintained in accordance with the manufacturer's emission-related written instructions, the engine will be considered a non-certified engine and you must demonstrate compliance according to 40CFR§60.4210 as appropriate.

**Provide a manufacturer's data sheet for all engines being registered.**

6. Is the engine a certified stationary spark ignition internal combustion engine according to 40CFR60 Subpart JJJJ. If so, the engine and control device must be operated and maintained in accordance with the manufacturer's emission-related written instructions. You must keep records of conducted maintenance to demonstrate compliance, but no performance testing is required. If the certified engine is not operated and maintained in accordance with the manufacturer's emission-related written instructions, the engine will be considered a non-certified engine and you must demonstrate compliance according to 40CFR§60.4243a(2)(i) through (iii), as appropriate.

**Provide a manufacturer's data sheet for all engines being registered.**

7. Enter the Engine Type designation(s) using the following codes:  

LB2S    Lean Burn Two Stroke	RB4S    Rich Burn Four Stroke
LB4S    Lean Burn Four Stroke	
8. Enter the Air Pollution Control Device (APCD) type designation(s) using the following codes:  

A/F    Air/Fuel Ratio	IR    Ignition Retard
HEIS    High Energy Ignition System	SIPC    Screw-in Precombustion Chambers
PSC    Prestratified Charge	LEC    Low Emission Combustion
NSCR    Rich Burn & Non-Selective Catalytic Reduction	SCR    Lean Burn & Selective Catalytic Reduction
9. Enter the Fuel Type using the following codes:  

PQ    Pipeline Quality Natural Gas	RG    Raw Natural Gas
2FO    #2 Fuel Oil	LPG    Liquid Propane Gas
10. Enter the Potential Emissions Data Reference designation using the following codes. Attach all referenced data to this *Compressor/Generator Data Sheet(s)*.  

MD    Manufacturer's Data	AP    AP-42
GR    GRI-HAPCalc™	OT    Other _____ (please list)
11. Enter each engine's Potential to Emit (PTE) for the listed regulated pollutants in pounds per hour and tons per year. PTE shall be calculated at manufacturer's rated brake horsepower and may reflect reduction efficiencies of listed Air Pollution Control Devices. Emergency generator engines may use 500 hours of operation when calculating PTE. PTE data from this data sheet shall be incorporated in the *Emissions Summary Sheet*.

## STORAGE TANK DATA SHEET

Source ID # <sup>1</sup>	Status <sup>2</sup>	Content <sup>3</sup>	Volume <sup>4</sup>	Dia <sup>5</sup>	Throughput <sup>6</sup>	Orientation <sup>7</sup>	Liquid Height <sup>8</sup>

- Enter the appropriate Source Identification Numbers (Source ID #) for each storage tank located at the compressor station. Tanks should be designated T01, T02, T03, etc.
- Enter storage tank Status using the following:  

EXIST Existing Equipment

REM Equipment Removed

NEW Installation of New Equipment
- Enter storage tank content such as condensate, pipeline liquids, glycol (DEG or TEG), lube oil, etc.
- Enter storage tank volume in gallons.
- Enter storage tank diameter in feet.
- Enter storage tank throughput in gallons per year.
- Enter storage tank orientation using the following:  

VERT Vertical Tank

HORZ Horizontal Tank
- Enter storage tank average liquid height in feet.

<b>EMERGENCY GENERATOR EMISSION SUMMARY SHEET FOR CRITERIA POLLUTANTS</b>										
Emergency Generator Location:						Registration Number <small>(Agency Use)</small> <b><u>G60-C</u></b>				
	Potential Emissions (lbs/hr)					Potential Emissions (tons/yr)				
Source ID No.	NO <sub>x</sub>	CO	VOC	SO <sub>2</sub>	PM <sub>10</sub>	NO <sub>x</sub>	CO	VOC	SO <sub>2</sub>	PM <sub>10</sub>
<b>Total</b>										

## **EMERGENCY GENERATOR EMISSION SUMMARY SHEET FOR HAZARDOUS/TOXIC POLLUTANTS**

<b>Emergency Generator Location:</b>							<b>Registration Number</b> <small>(Agency Use)</small> <u>G60-C</u>					
	<b>Potential Emissions (lbs/hr)</b>						<b>Potential Emissions (tons/yr)</b>					
Source ID No.	Benzene	Ethyl-benzene	Toluene	Xylenes	n-Hexane	Formaldehyde	Benzene	Ethyl-benzene	Toluene	Xylenes	n-Hexane	Formaldehyde
<b>Total</b>												

## General Permit Levels

### Construction, Modification, Relocation, Administrative Update

Class II General Permits – G10-C (Coal Preparation and Handling), G20-B (Hot Mix Asphalt), G30-D (Natural Gas Compressor Stations), G35-A (Natural Gas Compressor Stations with Flares/Glycol Dehydration Units), G40-B (Nonmetallic Minerals Processing), G50-B (Concrete Batch Plant), G60-C (Emergency Generators)

Class I General Permit - G65-C (Emergency Generators)

General Permit	Public Notice	Review Period as per 45CSR13	Application Fee	Criteria	Application Type
Class II General Permit (Construction )	30 days (applicant)	90 days	\$500 + applicable NSPS fees	6 lb/hr and 10 tpy of any regulated air pollutant OR 144 lb/day of any regulated air pollutant, OR 2 lb/hr of any hazardous air pollutant OR 5 tpy of aggregated HAP OR 45CSR27 TAP (10% increase if above BAT triggers or increase to BAT triggers) or subject to applicable standard or rule, but subject to specific eligibility requirements	Registration Application
Class II General Permit (Modification)	30 days (applicant)	90 days	\$500 + applicable NSPS fees	Same as Class II General Permit (Construction) but subject to specific eligibility requirements	Registration Application
Administrative Update (Class I)	None	60 days	None	Decrease in emissions or permanent removal of equipment OR more stringent requirements or change in MRR that is equivalent or superior	Registration Application or Written Request
Administrative Update (Class II)	30 days (applicant)	60 days	\$300 + applicable NSPS fees	No change in emissions or an increase less than Class II Modification levels	Registration Application
Relocation	30 days (applicant)	45 days	\$500 + applicable NSPS fees	No emissions increase or change in facility design or equipment	Registration Application
Class I General Permit	None	45 days	\$250	Same as Class II General Permit (Construction) but subject to specific eligibility requirements	Registration Application